

215141US2



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

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Response  
Chen  
8-25-03

IN RE APPLICATION OF:

Yasuhiro IWAMURA, et al.

SERIAL NO: 09/981,983

FILED: October 19, 2001

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: EXAMINER: KEITH, J

:

: GROUP: 3641

FOR: NUCLIDE TRANSMUTATION DEVICE  
AND NUCLIDE TRANSMUTATION METHOD

RESPONSE TO OFFICE COMMUNICATION

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

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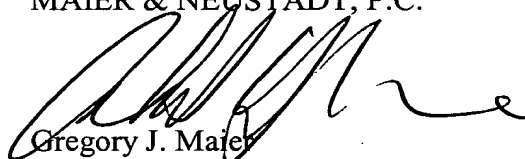
SIR:

In response to the Office communication dated July 17, 2003, Applicants respectfully request that Claim 3 be withdrawn from the claims previously identified as readable to the elected species, and identify Claims 1, 2, 4, 5 and 6 as readable to the species provisionally elected in the previous response. In this regard, Applicants wish to point out that the transmutation material is supplied on the surface of the structure body as gas or liquid containing the transmutation material for binding the transmutation material on the structure body and the transmutation itself is carried out in the apparatus shown in Figure 3. Thus, the liquid is used for supplying the transmutation material on the surface of the structure body for binding the transmutation material on the absorption part, and when the structure body having the transmutation material on the surface has been prepared, the transmutation of the nuclide is conducted by a gas transmission method. It is therefore respectfully submitted that the subject matter recited in Claim 5 is also believed to be readable to the elected species.

Accordingly, it is respectfully requested that a full examination on the merits of this application be conducted.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
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RE: Application Serial No.: 09/981,983  
Applicants: Yasuhiro IWAMURA, et al.  
Filing Date: October 19, 2001  
For: NUCLIDE TRANSMUTATION DEVICE AND  
NUCLIDE TRANSMUTATION METHOD  
Group Art Unit: 3641  
Examiner: KEITH, J

SIR:

Attached hereto for filing are the following papers:

**RESPONSE TO OFFICE COMMUNICATION**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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